What is Claimed is:

1.   A method of processing phone numbers, comprising:

5   parsing one or more stored phone numbers into a plurality of one or more phone number components; and

based at least on the parsing, attempting to correct the one or more stored phone numbers, prior to selecting at least of the one or more stored phone numbers to dial.

10   2.   The method of claim 1, wherein the one or more phone number components include one or more of: a PBX code, an international prefix, a national prefix, a country code, an area code, a subscriber number, and an extension.

3.   The method of claim 1, further comprising:

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selecting at least one of the one or more stored phone numbers to dial.

4.   The method of claim 1, wherein attempting to correct comprises: changing at least one undialable phone number of the one or more stored phone

20   numbers to at least one dialable phone number.

5.   The method of claim 4, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding an international prefix.

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6.   The method of claim 4, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding a national prefix.

30   7.   The method of claim 4, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding a country code.

8.   The method of claim 4, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding a dial extension.

9.   The method of claim 1, wherein attempting to correct comprises:
        identifying one or more invalid phone numbers from the one or more stored phone numbers.

10.   The method of 9, further comprising:
        notifying a call center of the one or more invalid phone numbers.

11.   The method of 9, further comprising:
        notifying a mobile phone user of the one or more invalid phone numbers.

12.   The method of claim 9, wherein identifying one or more invalid phone numbers from the one or more stored phone numbers includes identifying at least one phone number of the one or more stored phone numbers as having too many digits.

13.   The method of claim 9, wherein identifying one or more invalid phone numbers from the one or more stored phone numbers includes identifying at least one phone number of the one or more stored phone numbers as having too few digits.

14.   The method of claim 9, wherein identifying one or more invalid phone numbers from the one or more stored phone numbers includes identifying at least one phone number of the one or more stored phone numbers as missing one or more phone number components.

15.   The method of claim 1, wherein attempting to correct comprises:
        determining one or more country codes missing from one or more phone numbers of the one or more stored phone numbers.

16.   The method of claim 15, wherein determining one or more country codes missing from one or more phone numbers of the one or more stored phone numbers includes determining one or more countries of one or more customer portals.

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17.   The method of claim 15, wherein determining one or more country codes missing from one or more phone numbers of the one or more stored phone numbers includes determining one or more countries from contact data associated with the one or more phone numbers missing one or more country codes.

18.   The method of claim 1, wherein attempting to correct comprises:
        determining one or more area codes missing from one or more phone numbers of the one or more stored phone numbers.

19.   The method of claim 18, wherein determining one or more missing area codes includes performing one or more reverse lookups from contact data associated with the one or more stored phone numbers missing one or more area codes.

20.   The method of claim 1, wherein attempting to correct comprises:
        formatting, into canonical form, one or more phone numbers from the one or more stored phone numbers.

21.   The method of claim 20, wherein the canonical form depends at least one or more countries associated with the one or more phone numbers.

22.   The method of claim 21, wherein the canonical form depends at least on geography within one or more countries associated with the one or more phone numbers.

23.   The method of claim 20, wherein the canonical form depends at least on whether the one or more phone numbers is associated with mobile telephony.

24.   The method of claim 20, wherein the canonical form depends at least on whether the one or more phone numbers is associated with landline telephony.

25.   The method of claim 20, wherein the canonical form depends at least on a number of digits following a country code for the one or more phone numbers.

26.   The method of claim 1, wherein attempting to correct comprises:

updating one or more area codes of one or more phone numbers from the one or more stored phone numbers, based on at least one area code update.

5   27.   The method of claim 1, wherein attempting to correct comprises:

updating one or more area codes of one or more phone numbers from the one or more stored phone numbers, based on at least geography associated with the one or more phone numbers.

10 28.   A method of processing phone numbers, comprising:

parsing each of the one or more stored phone numbers into a plurality of one or more phone number components;

based at least on the phone number components, attempting to correct the one or more stored phone numbers; and

15   after attempting to correct, making the one or more stored phone numbers available to a user of the one or more stored phone numbers

29.   The method of claim 28, wherein the one or more phone number components include one or more of: a PBX code, an international prefix, a national prefix, a country

20 code, an area code, a subscriber number, and an extension.

30.   The method of claim 28, comprising:

selecting, to dial, at least one of the one or more stored phone numbers made available after attempting to correct.

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31.   The method of claim 28, wherein attempting to correct comprises:

changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number.

30 32.   The method of claim 31, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding an international prefix.

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33.   The method of claim 31, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding a national prefix.

34.   The method of claim 31, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding a country code.

35.   The method of claim 31, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding a dial extension.

36.   The method of claim 28, wherein attempting to correct comprises:
       identifying one or more invalid phone numbers from the one or more stored phone numbers.

37.   The method of 36, further comprising:
       notifying a call center of the one or more invalid phone numbers.

38.   The method of 36, further comprising:
       notifying a mobile phone user of the one or more invalid phone numbers.

39.   The method of claim 36, wherein identifying one or more invalid phone numbers from the one or more stored phone numbers includes identifying at least one phone number of the one or more stored phone numbers as having too many digits.

40.   The method of claim 36, wherein identifying one or more invalid phone numbers from the one or more stored phone numbers includes identifying at least one phone number of the one or more stored phone numbers as having too few digits.

41.   The method of claim 36, wherein identifying one or more invalid phone numbers from the one or more stored phone numbers includes identifying at least one phone number of the one or more stored phone numbers as missing one or more phone number components.

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42.   The method of claim 28, wherein attempting to correct comprises:

determining one or more country codes missing from one or more phone numbers of the one or more stored phone numbers.

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43.   The method of claim 42, wherein determining one or more country codes missing from one or more phone numbers of the one or more stored phone numbers includes determining one or more countries of one or more customer portals.

10   44.   The method of claim 42, wherein determining one or more country codes missing from one or more phone numbers of the one or more stored phone numbers includes determining one or more countries from contact data associated with the one or more phone numbers missing one or more country codes.

15   45.   The method of claim 28, wherein attempting to correct comprises:

determining one or more area codes missing from one or more phone numbers of the one or more stored phone numbers.

46.   The method of claim 45, wherein determining one or more missing area codes 20   includes performing one or more reverse lookups from contact data associated with the one or more stored phone numbers missing one or more area codes.

47.   The method of claim 28, wherein attempting to correct comprises:

formatting, into canonical form, one or more phone numbers from the one or more 25   stored phone numbers.

48.   The method of claim 47, wherein the canonical form depends at least one or more countries associated with the one or more phone numbers.

30   49.   The method of claim 48, wherein the canonical form depends at least on geography within one or more countries associated with the one or more phone numbers.

50.   The method of claim 47, wherein the canonical form depends at least on whether the one or more phone numbers is associated with mobile telephony.

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51.   The method of claim 47, wherein the canonical form depends at least on whether the one or more phone numbers is associated with landline telephony.

52.   The method of claim 47, wherein the canonical form depends at least on a number of digits following a country code for the one or more phone numbers.

53.   The method of claim 28, wherein attempting to correct comprises:
updating one or more area codes of one or more phone numbers from the one or more stored phone numbers, based on at least one area code update.

54.   The method of claim 28, wherein attempting to correct comprises:
updating one or more area codes of one or more phone numbers from the one or more stored phone numbers, based on at least geography associated with the one or more phone numbers.

55.   A method of processing phone numbers, comprising:
parsing each of the one or more stored phone numbers into a plurality of one or more phone number components;
based at least on the phone number components, attempting to correct, at least at a first computer, the one or more stored phone numbers; and
after attempting to correct, making the one or more stored phone numbers available to a second computer associated with selecting at least one of the one or more stored phone numbers, to dial.

56.   The method of claim 55, wherein the one or more phone number components include one or more of: a PBX code, an international prefix, a national prefix, a country code, an area code, a subscriber number, and an extension.

57.   The method of claim 55, comprising:
at the second computer, selecting, to dial, at least one of the one or more stored phone numbers.

58.   The method of claim 55, wherein attempting to correct comprises:

changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number.

5   59.   The method of claim 58, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding an international prefix.

60.   The method of claim 58, wherein changing at least one undialable phone number

10   of the one or more stored phone numbers to at least one dialable phone number includes adding a national prefix.

61.   The method of claim 58, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes

15   adding a country code.

62.   The method of claim 58, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding a dial extension.

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63.   The method of claim 55, wherein attempting to correct comprises:

identifying one or more invalid phone numbers from the one or more stored phone numbers.

25   64.   The method of 63, further comprising:

notifying a call center of the one or more invalid phone numbers.

65.   The method of 63, further comprising:

notifying a mobile phone user of the one or more invalid phone numbers.

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66.   The method of claim 63, wherein identifying one or more invalid phone numbers from the one or more stored phone numbers includes identifying at least one phone number of the one or more stored phone numbers as having too many digits.

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67.   The method of claim 63, wherein identifying one or more invalid phone numbers from the one or more stored phone numbers includes identifying at least one phone number of the one or more stored phone numbers as having too few digits.

5   68.   The method of claim 63, wherein identifying one or more invalid phone numbers from the one or more stored phone numbers includes identifying at least one phone number of the one or more stored phone numbers as missing one or more phone number components.

10   69.   The method of claim 55, wherein attempting to correct comprises:
         determining one or more country codes missing from one or more phone numbers of the one or more stored phone numbers.

70.   The method of claim 69, wherein determining one or more country codes missing

15   from one or more phone numbers of the one or more stored phone numbers includes determining one or more countries of one or more customer portals.

71.   The method of claim 69, wherein determining one or more country codes missing from one or more phone numbers of the one or more stored phone numbers includes

20   determining one or more countries from contact data associated with the one or more phone numbers missing one or more country codes.

72.   The method of claim 55, wherein attempting to correct comprises:
         determining one or more area codes missing from one or more phone numbers of

25   the one or more stored phone numbers.

73.   The method of claim 72, wherein determining one or more missing area codes includes performing one or more reverse lookups from contact data associated with the one or more stored phone numbers missing one or more area codes.

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74.   The method of claim 55, wherein attempting to correct comprises:
         formatting, into canonical form, one or more phone numbers from the one or more stored phone numbers.

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75. The method of claim 74, wherein the canonical form depends at least one or more countries associated with the one or more phone numbers.

76. The method of claim 75, wherein the canonical form depends at least on geography within one or more countries associated with the one or more phone numbers.

77. The method of claim 74, wherein the canonical form depends at least on whether the one or more phone numbers is associated with mobile telephony.

78. The method of claim 74, wherein the canonical form depends at least on whether the one or more phone numbers is associated with landline telephony.

79. The method of claim 74, wherein the canonical form depends at least on a number of digits following a country code for the one or more phone numbers.

80. The method of claim 55, wherein attempting to correct comprises:
    updating one or more area codes of one or more phone numbers from the one or more stored phone numbers, based on at least one area code update.

81. The method of claim 55, wherein attempting to correct comprises:
    updating one or more area codes of one or more phone numbers from the one or more stored phone numbers, based on at least geography associated with the one or more phone numbers.

82. A method of processing phone numbers, comprising:
    parsing each of the one or more stored phone numbers into a plurality of one or more phone number components;
    based at least on the phone number components, attempting to correct, at least at a first computer, the one or more stored phone numbers; and
    after attempting to correct, making the one or more stored phone numbers available to a mobile phone.

83. The method of claim 82, wherein the one or more phone number components include one or more of: a PBX code, an international prefix, a national prefix, a country code, an area code, a subscriber number, and an extension.

5   84. The method of claim 82, comprising:
at the mobile phone, selecting, to dial, at least one of the one or more stored phone numbers.

85. The method of claim 82, wherein attempting to correct comprises:
10   changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number.

86. The method of claim 85, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes
15   adding an international prefix.

87. The method of claim 85, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding a national prefix.
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88. The method of claim 85, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding a country code.

25   89. The method of claim 85, wherein changing at least one undialable phone number of the one or more stored phone numbers to at least one dialable phone number includes adding a dial extension.

90. The method of claim 82, wherein attempting to correct comprises:
30   identifying one or more invalid phone numbers from the one or more stored phone numbers.

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91.   The method of 90, further comprising:

notifying a call center of the one or more invalid phone numbers.

92.   The method of 90, further comprising:

notifying a mobile phone user of the one or more invalid phone numbers.

93.   The method of claim 90, wherein identifying one or more invalid phone numbers from the one or more stored phone numbers includes identifying at least one phone number of the one or more stored phone numbers as having too many digits.

94.   The method of claim 90, wherein identifying one or more invalid phone numbers from the one or more stored phone numbers includes identifying at least one phone number of the one or more stored phone numbers as having too few digits.

95.   The method of claim 90, wherein identifying one or more invalid phone numbers from the one or more stored phone numbers includes identifying at least one phone number of the one or more stored phone numbers as missing one or more phone number components.

96.   The method of claim 82, wherein attempting to correct comprises:

determining one or more country codes missing from one or more phone numbers of the one or more stored phone numbers.

97.   The method of claim 96, wherein determining one or more country codes missing from one or more phone numbers of the one or more stored phone numbers includes determining one or more countries of one or more customer portals.

98.   The method of claim 96, wherein determining one or more country codes missing from one or more phone numbers of the one or more stored phone numbers includes determining one or more countries from contact data associated with the one or more phone numbers missing one or more country codes.

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99.   The method of claim 82, wherein attempting to correct comprises:

determining one or more area codes missing from one or more phone numbers of the one or more stored phone numbers.

100.   The method of claim 99, wherein determining one or more missing area codes includes performing one or more reverse lookups from contact data associated with the one or more stored phone numbers missing one or more area codes.

101.   The method of claim 82, wherein attempting to correct comprises:

formatting, into canonical form, one or more phone numbers from the one or more stored phone numbers.

102.   The method of claim 101, wherein the canonical form depends at least one or more countries associated with the one or more phone numbers.

103.   The method of claim 102, wherein the canonical form depends at least on geography within one or more countries associated with the one or more phone numbers.

104.   The method of claim 101, wherein the canonical form depends at least on whether the one or more phone numbers is associated with mobile telephony.

105.   The method of claim 101, wherein the canonical form depends at least on whether the one or more phone numbers is associated with landline telephony.

106.   The method of claim 101, wherein the canonical form depends at least on a number of digits following a country code for the one or more phone numbers.

107.   The method of claim 82, wherein attempting to correct comprises:

updating one or more area codes of one or more phone numbers from the one or more stored phone numbers, based on at least one area code update.

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108. The method of claim 82, wherein attempting to correct comprises:

updating one or more area codes of one or more phone numbers from the one or more stored phone numbers, based on at least geography associated with the one or more phone numbers.